Electronic Patent Application Fee Transmittal							
Application Number:							
Filing Date:							
Title of Invention:	METHOD AND APPARATUS TO PERFORM CHANNEL ESTIMATION FOR A COMMUNICATION SYSTEM						
First Named Inventor:	Alexander Maltsev						
Filer:	Robert Vincent Racunas/Deborah Higham						
Attorney Docket Number:	1020.P17139						
Filed as Large Entity							
U.S. National Stage under 35 USC 371 Filing Fees							
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Basic Filing:							
National Stage Fee		1631	1	300	300		
Natl Stage Search Fee - Report provided		1642	1	400	400		
National Stage Exam - all other cases		1633	1	200	200		
Pages:							
Claims:							
Claims in excess of 20		1615	1	50	50		
Miscellaneous-Filing:							
Petition:							

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
	Tota	al in USE) (\$)	950